10. A polymerisable surfactant according to Claim 1 wherein the hydrophilic group represented by PO $(OY)_m$ is a phosphate group, where Y represents hydrogen.

11. A polymerisable surfactant according to any one of Claim 1 wherein the hydrophillic group represented by $PO(OY)_m$ is a water-soluble phosphate salt group.

13. A method of making the polymerisable surfactant according to Claim 1, the method comprising the steps of:

Reacting an unsaturated carboxylic acid corresponding to the hydrophobic group with an alkylene oxide corresponding to the oxyalkylene linking group while maintaining the temperature of the reaction below that at which spontaneous polymerisation of the unsaturated groups of the hydrophobic group would occur; and

Phosphating the resultant polyalkoxylated hydrophobic group.

16. A method according to Claim 14 wherein the catalyst for alkoxylation is a strong Lewis acid.

18. A method according to Claim 14 wherein a small portion of a catalyst for alkoxylation is added to the unsaturated carboxylic acid before addition of the alkylene oxide.

19. A method according to Claim 14 wherein a bulk portion of the catalyst for alkoxylation is added to the unsaturated carboxylic acid with the alkylene oxide.

20. A method according to Claim 14 wherein a small portion of the catalyst for alkoxylation is added after completion of the addition of the alkylene oxide.

22. A method according to Claim 1 wherein any unreacted alkylene oxide is removed.

24. A method according to Claim 1 wherein the reaction of the unsaturated carboxylic acid and the alkylene oxide is carried out in an inert atmosphere.

25. A method according to Claim 13 wherein the phosphation step is carried out by reaction with phosphorus pentoxide.

26. A method according to Claim 13 wherein the product of the phosphation step is treated to remove any unreacted phosphoric acid.

27. A coating including a polymerisable surfactant according to Claim 1.

28. A coating formed from the polymerisable surfactant of Claim 1 wherein the coating is emulsion polymerisable.

REMARKS

The claims have been amended to correct typographical errors, delete unnecessary claims as well as remove multiple dependencies. Attached hereto is a marked-up version of the changes made to the claims by the present amendment. The attachment is captioned "Version With Markings To Show Changes Made".

Applicant respectfully requests entry of the claim amendments.

Respectfully submitted,

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